

1 11. The spacer of Claim 10 wherein the sealing compound is selected from
2 one of a silicone resin and a thermoplastic resin.

1 12. The spacer of Claim 9 wherein a second sealing compound is positioned
2 within the rim member.

1 13. The spacer of Claim 9 wherein a flange member is connected to the body
2 members on an opposite side from the rim member.

1 14. The spacer of Claim 13 wherein a central aperture extends through the
2 body member and the flange member.

1 15. The spacer of Claim 9 including potting holes extending through a lower
2 surface of the spacer.

1 16. A combination floor panel and spacer, comprising:
2 a sandwich panel having an upper planar face plate and a lower planar
3 face plate separated by a core structure, a hole extending through the sandwich panel;
4 a spacer having a body member and a rim member extending upward
5 from the body member, wherein the rim member has an annular groove to assist in
6 permitting the rim member to be deformed outward when flush mounted within the
7 sandwich panel;
8 a hole engaging surface on the body member aligns the spacer within the
9 hole; and
10 an upper edge of the rim member is positioned adjacent a perimeter of
11 the hole and is flush with a surface of the upper planar face plate, a portion of the rim

12 member is extended radially outward from the flush upper edge of the rim member
13 below the upper planar face plate.

1 17. The combination floor panel and spacer of Claim 16 further including a
2 first sealing compound providing a water tight seal between the perimeter of the hole and
3 the upper edge of the rim member.

1 18. The combination floor panel and spacer of Claim 17 wherein the first
2 sealing compound is selected from one of a silicone resin and a thermoplastic resin.

1 19. The combination floor panel and spacer of Claim 16 wherein a second
2 sealing compound is positioned within the rim member to enable a sealing contact with a
3 fastener.

1 20. The combination floor panel and spacer of Claim 16 wherein the hole
2 engaging surface on the body member is an annular serrated surface.

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